

GenCore version 4.5
Copyright (c) 1993 - 1998 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: November 20, 1999, 18:15:03 : Search time 30.25 Seconds
(without alignments)
6621.281 Million cell updates/sec

Title: US-09-126-945-1

Perfect score: 1894

Sequence: 1 gctgactctctccacgacac.....ataagactactagagactg 1894

Scoring table: OLRGDX_NUC

Searched: 195662 seqs, 52875861 residues

Database:

Issued_Patents_NA:*
1: /cgn2_6/ptodate/1/lna/5A.COMB.seq:*
2: /cgn2_6/ptodate/1/lna/5B.COMB.seq:*
3: /cgn2_6/ptodate/1/lna/5C.COMB.seq:*
4: /cgn2_6/ptodate/1/lna/5D.COMB.seq:*
5: /cgn2_6/ptodate/1/lna/PCRUS9.COMB.seq:*
6: /cgn2_6/ptodate/1/lna/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|--------------------|
| 1 | 20 | 1.1 | 2667 | 3 | US-08-469-412A-1 |
| 2 | 19 | 1.0 | 3833 | 3 | US-08-917-320-18 |
| 3 | 19 | 1.0 | 1489 | 3 | US-08-257-963B-1 |
| 4 | 19 | 1.0 | 4421 | 3 | US-08-257-963B-9 |
| 5 | 19 | 1.0 | 2266 | 4 | US-09-213-767-1 |
| 6 | 19 | 1.0 | 3833 | 5 | PCT-US95-04611A-18 |
| 7 | 19 | 1.0 | 1512 | 5 | PCT-US95-07201-1 |
| 8 | 19 | 1.0 | 4421 | 5 | PCT-US95-07201-9 |
| 9 | 19 | 1.0 | 22481 | 5 | PCT-US95-07201-43 |
| 10 | 18 | 1.0 | 1472 | 1 | US-08-123-161A-9 |
| 11 | 18 | 1.0 | 2562 | 1 | US-08-146-421-4 |
| 12 | 18 | 1.0 | 3931 | 1 | US-07-999-280A-21 |
| 13 | 18 | 1.0 | 3931 | 1 | US-08-426-036-21 |
| 14 | 18 | 1.0 | 3931 | 2 | US-08-426-279-21 |
| 15 | 18 | 1.0 | 3931 | 2 | US-08-401-013-21 |
| 16 | 18 | 1.0 | 1472 | 2 | US-08-483-278-9 |
| 17 | 18 | 1.0 | 4353 | 3 | US-08-365-466A-18 |
| 18 | 18 | 1.0 | 4780 | 3 | US-08-455-968E-2 |
| 19 | 18 | 1.0 | 1144 | 4 | US-08-455-968E-4 |
| 20 | 18 | 1.0 | 1930 | 4 | US-08-455-968E-9 |
| 21 | 18 | 1.0 | 2033 | 4 | US-08-455-968E-28 |
| 22 | 18 | 1.0 | 1144 | 4 | US-08-455-968E-2 |
| 23 | 17 | 0.9 | 10627 | 1 | US-08-060-925A-12 |
| 24 | 17 | 0.9 | 15894 | 1 | US-08-348-891A-1 |
| 25 | 17 | 0.9 | 31571 | 1 | US-08-323-443B-1 |
| 26 | 17 | 0.9 | 1408 | 2 | US-08-447-554-3 |
| 27 | 17 | 0.9 | 1408 | 3 | US-08-448-160-3 |
| 28 | 17 | 0.9 | 3501 | 3 | US-08-524-757-5 |
| 29 | 17 | 0.9 | 15894 | 3 | US-08-905-817-1 |
| 30 | 17 | 0.9 | 2457 | 4 | US-08-861-464-11 |
| 31 | 17 | 0.9 | 2457 | 4 | US-08-396-001-11 |
| 32 | 17 | 0.9 | 2410 | 4 | US-08-780-835B-1 |
| 33 | 17 | 0.9 | 1314 | 4 | US-09-031-059-2 |
| 34 | 17 | 0.9 | 2791 | 4 | US-09-016-000-8 |
| 35 | 17 | 0.9 | 1860 | 5 | PCT-US93-04102-3 |
| 36 | 16 | 0.8 | 1569 | 5 | US-07-669-171-3 |
| 37 | 16 | 0.8 | 586 | 1 | US-08-213-811-2 |

| | | | | | | | |
|---|----|----|-----|------|---|-------------------|-------------------|
| c | 38 | 16 | 0.8 | 1779 | 1 | US-07-668-648-3 | Sequence 3, Appl |
| c | 39 | 16 | 0.8 | 1721 | 1 | US-07-688-352C-13 | Sequence 13, Appl |
| c | 40 | 16 | 0.8 | 739 | 1 | US-07-872-678A-2 | Sequence 2, Appl |
| c | 41 | 16 | 0.8 | 47 | 1 | US-08-171-389-303 | Sequence 303, App |
| c | 42 | 16 | 0.8 | 3043 | 1 | US-08-188-228-43 | Sequence 43, Appl |
| c | 43 | 16 | 0.8 | 3164 | 1 | US-08-188-228-49 | Sequence 49, Appl |
| c | 44 | 16 | 0.8 | 4440 | 1 | US-08-200-016-4 | Sequence 4, Appl |
| c | 45 | 16 | 0.8 | 3164 | 1 | US-08-332-643-43 | Sequence 43, Appl |

ALIGNMENTS

RESULT 1
US-08-469-412A-1
; Sequence 1, Application US/08469412A
; Patent No. 5856125
; GENERAL INFORMATION:
; APPLICANT: Mavrothalassitis, George J.
; APPLICANT: Blair, Donald G.
; APPLICANT: Fisher, Robert J.
; APPLICANT: Bear Jr., Gregory J.
; APPLICANT: Athanasios, Dionysios N.
; TITLE OF INVENTION: The ERF Genetic Locus and Its Products
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,412A
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Wackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2667 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 123..1769
; OTHER INFORMATION: /note="human ERF (ETS2 Repressor
; OTHER INFORMATION: Factor) cDNA"
; US-08-469-412A-1

Query Match 1.14; Score 20; DB 3; Length 2667;
Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1272 aggtgcccgcgtggtggc 1291
|||||
307 AGGTGCCCGCGCTGTGGGC 326

RESULT 2

US-08-917-320-18

; Sequence 18, Application US/08917320

; Patent No. 5824308

; GENERAL INFORMATION:

; APPLICANT: Spaete, Richard and Jackman, Minthrop, T.

; TITLE OF INVENTION: No. 5824508 Splicing Variants of gp350/220

; NUMBER OF SEQUENCES: 18

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum

; STREET: 5 Palo Alto Square

; CITY: Palo Alto

; STATE: California

; COUNTRY: USA

; ZIP: 94306

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC Compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/917.320

; FILING DATE: 25-AUG-1997

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/229,291

; FILING DATE: April 18, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Luann Caer

; REGISTRATION NUMBER: 31,822

; REFERENCE/DOCKET NUMBER: AVIR-003/0005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-843-5163

; TELEFAX: 415-857-0663

; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 3833 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: unknown

; MOLECULE TYPE: cDNA

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1014..3734

; US-08-917-320-18

Query Match 1.0%; Score 19; DB 3; Length 3833;

Best Local Similarity 100.0%; Pred. No. 6.1;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 206 ccagggcccccagtgccaa 224

DB 3290 CCAGGCCCCCGAGTGCCAA 3308

RESULT 3

US-08-257-963B-1/c

; Sequence 1, Application US/08257963B

; Patent No. 5840686

; GENERAL INFORMATION:

; APPLICANT: Chader, Gerald J.; Becerra, S.

; APPLICANT: Patricia; Schwartz, Joan P.;

; APPLICANT: Taniwaki, Takayuki

; TITLE OF INVENTION: PIGMENT EPITHELIUM

; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL

; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Morgan & Flinnegan

; STREET: 345 Park Avenue

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/257,963B

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/952,796

FILING DATE: 24-SEPT-1992

ATTORNEY/AGENT INFORMATION:

NAME: DOROTHY R. AOTH

REGISTRATION NUMBER: 36434

REFERENCE/DOCKET NUMBER: 20264126US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1489 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA to mRNA

FEATURE:

NAME/KEY: mRNA

LOCATION: 1..1489

OTHER INFORMATION: PEDF coding region

OTHER INFORMATION: starts at nucleotide 117

US-08-257-963B-1

Query Match 1.0%; Score 19; DB 3; Length 1489;

Best Local Similarity 100.0%; Pred. No. 6.2;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 128 gcagccctgggctgggggt 146

DB 1248 GCAGCCCTGGGCTGGGGGT 1230

RESULT 4

US-08-257-963B-9/c

; Sequence 9, Application US/08257963B

; Patent No. 5840686

; GENERAL INFORMATION:

; APPLICANT: Chader, Gerald J.; Becerra, S.

; APPLICANT: Patricia; Schwartz, Joan P.;

; APPLICANT: Taniwaki, Takayuki

; TITLE OF INVENTION: PIGMENT EPITHELIUM

; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL

; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Morgan & Flinnegan

; STREET: 345 Park Avenue

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/257,963B
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEPT-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 4421 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Unknown
MOLECULE TYPE: Genomic DNA
ORIGINAL SOURCE:
ORGANISM: Human
FEATURE:
NAME/KEY: JT101
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: 7.1 kb Bam HI
OTHER INFORMATION: fragment Derived from human placental
OTHER INFORMATION: genomic DNA
US-08-257-963B-9

Query Match 1.0%: Score 19; DB 3; Length 4421;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 128 gcagccctggcgctgggggt 146
|||||
DB 200 GCAGCCCTGGCGCTGGGGGT 182

RESULT 5
US-09-213-767-1
Sequence 1, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 1
LENGTH: 2266
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (316)..(1602)
US-09-213-767-1

Query Match 1.0%: Score 19; DB 4; Length 2266;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 aggtggcccgagctgtggg 1290
|||||
DB 437 aggtggcccgagctgtggg 455

RESULT 6

PCT-US95-04611A-18
Sequence 18, Application PC/TUS9504611A
GENERAL INFORMATION:
APPLICANT: Spence, Richard and Jackman, Winthrop T.
TITLE OF INVENTION: Non Splicing Variants of gp350/220
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04611A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/229,291
FILING DATE: April 18, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Luann Cseir
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: AVIR-003/00US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5163
TELEFAX: 415-857-0663
TELEX: 380816 CooleyPA
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 3833 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1014..3734
PCT-US95-04611A-18

Query Match 1.0%: Score 19; DB 5; Length 3833;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 206 ccagggcccgagctggcga 224
|||||
DB 3290 CCAGGCCCGCAGTGCACA 3308

RESULT 7
PCT-US95-07201-1/C
Sequence 1, Application PC/TUS9507201
GENERAL INFORMATION:
APPLICANT: Chader, Gerald J.; Becerra, Sofia
APPLICANT: Patricia; Schwartz, Joan P.;
APPLICANT: Tanigaki, Takayuki
TITLE OF INVENTION: PIGMENT EPITHELIUM
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Finnegan, L.L.P.
STREET: 345 Park Avenue
CITY: New York
STATE: New York
COUNTRY: USA

ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07201
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/367,841
FILING DATE: 30-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1512 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FEATURE:
NAME/KEY:
LOCATION:
OTHER INFORMATION: PDEF coding region
PCT-US95-07201-1

Query Match 1.0%; Score 19; DB 5; Length 1512;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 128 gcagccctggctggggt 146
|||||
Db 1268 GCAGCCCTGGCTGGGGT 1250

RESULT 8
PCT-US95-07201-9/c
Sequence 9 Application PC/TUS9507201
GENERAL INFORMATION:
APPLICANT: Chader, Gerald J.; Becerra, Sofia
APPLICANT: Patricia; Schwartz, Joan P.;
APPLICANT: Tanikawa, Takayuki
TITLE OF INVENTION: PIGMENT EPITHELIUM
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PDEF GENE
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Flinnegan, L.L.P.
STREET: 345 Park Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/07201
FILING DATE: 06-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/367,841
FILING DATE: 30-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 751-6849
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 4421 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Unknown
MOLECULE TYPE: Genomic DNA
ORIGINAL SOURCE:
ORGANISM: Human
FEATURE:
NAME/KEY: J11
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: 7.1 kb Bam HI
OTHER INFORMATION: Fragment Derived from human placental
OTHER INFORMATION: genomic DNA; Also referred to as J1101
PCT-US95-07201-9

Query Match 1.0%; Score 19; DB 5; Length 4421;
Best Local Similarity 100.0%; Pred. No. 6.1;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 128 gcagccctggctggggt 146
|||||
Db 200 GCAGCCCTGGGCTGGGGT 182

RESULT 9
PCT-US95-07201-43/c
Sequence 43 Application PC/TUS9507201
GENERAL INFORMATION:
APPLICANT: Chader, Gerald J.; Becerra, Sofia
APPLICANT: Patricia; Schwartz, Joan P.;
APPLICANT: Tanikawa, Takayuki
TITLE OF INVENTION: PIGMENT EPITHELIUM
TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PDEF GENE
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan & Flinnegan, L.L.P.
STREET: 345 Park Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07201
FILING DATE: 06-JUN-1995

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/367,841
FILING DATE: 30-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 22481 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Unknown
MOLECULE TYPE: Genomic DNA
FEATURE:
NAME/KEY: P1-147
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: full length genomic
PCT-US95-07201-43
sequence for PEDF plus flanking sequences.

Query Match 1.0%; Score 19; DB 5; Length 22481;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 128 gcacgacctgagctgagggc 146
|||||
Db 22009 GCACCGCTGGCGCTGGGGT 21991

RESULT 10
US-08-123-161A-9
Sequence 9, Application US/08123161A
Patent No. 5448616
GENERAL INFORMATION:
APPLICANT: Campbell, Kevin P.
APPLICANT: Roberts, Steven L.
APPLICANT: Anderson, Richard D.
APPLICANT: Ibraghimov, Oksana B.
TITLE OF INVENTION: NUCLEIC ACID ENCODING DYSTROPHIN-ASSOCIATED
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kevin M. Farrell, P.C.
STREET: P.O. Box 999
CITY: York Harbor
STATE: ME
COUNTRY: USA
ZIP: 03911
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/123,161A
FILING DATE: 16-SEP-93
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/946,234

FILING DATE: 14-SEP-92
ATTORNEY/AGENT INFORMATION:
NAME: Farrell, Kevin M.
REGISTRATION NUMBER: 35,505
REFERENCE/DOCKET NUMBER: UIR89-1144
TELECOMMUNICATION INFORMATION:
TELEPHONE: (207) 363-0558
TELEFAX: (207) 363-0528
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1472 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 253..1413
US-08-123-161A-9

Query Match 1.0%; Score 18; DB 1; Length 1472;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 829 caagctgctcacatcac 846
|||||
Db 762 CAGCTGCTCACATCAC 779

RESULT 11
US-08-146-421-4
Sequence 4, Application US/08146421
Patent No. 5543499
GENERAL INFORMATION:
APPLICANT: BREWER, GARY
TITLE OF INVENTION: DNA SEQUENCE ENCODING A POLYPEPTIDE WITH
TITLE OF INVENTION: ANTI-TUMOR PROPERTIES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: DILMORTH & BARRESE
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 92122
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,421
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: PEPPER PH.D., FREDERICK W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 489-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4410
TELEFAX: 619-453-2839
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 2562 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 246..1106
US-08-146-421-4

Query Match 1.0%; Score 18; DB 1; Length 2562;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 971 atgcgagagacagcagc 988
|||||
DB 246 ATGTCGAGCAGCAGCAGTC 263

RESULT 12
US-07-999-280A-21
; Sequence 21, Application US/07999280A
; Patent No. 5573930
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/999,280A
; FILING DATE: 28-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3931 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 160..1816
; NAME/KEY: mat_peptide
; LOCATION: 256..1816
; US-07-999-280A-21

Query Match 1.0%; Score 18; DB 1; Length 3931;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1740 gacaagggcacaagcag 1757
|||||
DB 2938 GACAAAGGCCACAGCAG 2955

RESULT 13
US-08-426-036-21
; Sequence 21, Application US/08426036
; Patent No. 5643563
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.
; APPLICANT: COYNE, MAZIE YEE
; APPLICANT: HALENBECK, ROBERT F.
; APPLICANT: KOTHS, KIRSTON E.
; TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: Intellectual Property - R440, P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,036
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McGarrigle Jr., Philip L.
; REGISTRATION NUMBER: 31,395
; REFERENCE/DOCKET NUMBER: 0681.014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2718
; TELEFAX: (510) 655-3542
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3931 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 160..1816
; NAME/KEY: mat_peptide
; LOCATION: 256..1816
; US-08-426-036-21

Query Match 1.0%; Score 18; DB 1; Length 3931;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1740 gacaagggcacaagcag 1757
|||||
DB 2938 GACAAAGGCCACAGCAG 2955

RESULT 14
US-08-426-279-21
; Sequence 21, Application US/08426279
; Patent No. 5672343
; GENERAL INFORMATION:
; APPLICANT: LADNER, MARTHA B.
; APPLICANT: NOBLE, JANELLE A.
; APPLICANT: MARTIN, GEORGE A.
; APPLICANT: KAWASAKI, ERNEST S.

APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California
COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/426,279
FILING DATE: 21-APR-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mcgarrittle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 3931 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 160..1816
FEATURE:
NAME/KEY: mat-peptide
LOCATION: 256..1816
US-08-426-279-21

Query Match 1.08; Score 18; DB 2; Length 3931;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1740 gacaaagccacagcgag 1757
|||||
DB 2938 GACAAAGCCACAGCGAG 2955

RESULT 15
US-08-401-013-21
Sequence 21. Application US/08401013
Patent No. 5681719
GENERAL INFORMATION:
APPLICANT: LADNER, MARTHA B.
APPLICANT: NOBLE, JANELLE A.
APPLICANT: MARTIN, GEORGE A.
APPLICANT: KAWASAKI, ERNEST S.
APPLICANT: COYNE, MAZIE YEE
APPLICANT: HALENBECK, ROBERT F.
APPLICANT: KOTHS, KIRSTON E.
TITLE OF INVENTION: NEW FORMS OF COLONY STIMULATING FACTOR-1
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: Intellectual Property - R440, P.O. Box 8097
CITY: Emeryville
STATE: California

COUNTRY: U.S.A.
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,013
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,280
FILING DATE: 28-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mcgarrittle Jr., Philip L.
REGISTRATION NUMBER: 31,395
REFERENCE/DOCKET NUMBER: 0681.007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2718
TELEFAX: (510) 655-3542
TELEX: n/a
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 3931 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 160..1816
FEATURE:
NAME/KEY: mat-peptide
LOCATION: 256..1816
US-08-401-013-21

Query Match 1.08; Score 18; DB 2; Length 3931;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1740 gacaaagccacagcgag 1757
|||||
DB 2938 GACAAAGCCACAGCGAG 2955

Search completed: November 20, 1999, 18:22:43
Job time: 460 sec

THIS PAGE BLANK (USPTO)